



# Memo

Date: June 25, 2004  
To: J. DeBoer, S. Seberg  
From: A. Piper  
Subject: Tier I Safety Inspection Report

A Tier I Safety Inspection of building 905 (C-AD Cryo Group Section) and the C-AD Cooling towers was conducted on June 16, 2004 by A. Etkin, T. Nehring, A. Piper, S. Seberg, M. VanEssendelft and F. Zafonte. These buildings require semi-annual Tier 1 Safety Inspections.

Ten findings and/or maintenance items were noted during this inspection. The committee performed checks for possible overheating of electrical panels in accordance with OPM 2.10 and found no deficiencies during this inspection.

Routine priority violations require a sixty-day response from the date of issue. Closure requirements are indicated by the due date assigned to the individual action items. The machine shop located in building 905 is in the process of being set-up and will be evaluated for complete OSHA compliance at the next scheduled inspection.

cc: P. Bergh	P. Pile
R. Karol	J. Sandberg
P. Kelley	J. Scott
E. Lessard	J. Tuozzolo
D. Lowenstein	M. VanEssendelft
D. Passarello	

Number	Title	Owner	Family Name	Key Word	Description
<a href="#">2330.1.1</a>	Building 905	Seberg Scott	C-A-ESH	Life safety requirements	The exit sign located over the east facing entrance door is not illuminated as required. Contact MMC to install illuminated exit sign at this location.
<a href="#">2330.1.2</a>	Building 905	Seberg Scott	C-A-ESH	Load rating requirements	The storage shelves located in the shop area in this building do not have a posted load rating in place. Determine the load rating of these shelves and post accordingly.
<a href="#">2330.1.3</a>	Cooling tower deficiencies	Nehring Thomas	C-A-ESH	Lighting concerns	Several of the lighting fixtures located on the top of the linac cooling tower and on the staircase are damaged/not functioning. Repair all light fixtures on this cooling tower.
<a href="#">2330.1.4</a>	Cooling tower deficiencies	De Boer John	C-A-ESH	General clean up.	On the east side of the building 919A cooling tower, there is debris lying on the ground. Coordinate removal of debris from this location.
<a href="#">2330.1.5</a>	Cooling tower deficiencies	Nehring Thomas	C-A-ESH	Grounding requirements	On the west side of cooling tower #4, the ground is disconnected from the tower. Restore this ground as required.
<a href="#">2330.1.6</a>	Cooling tower deficiencies	De Boer John	C-A-ESH	Structural concerns	The large diameter pipe entering the lower pump room from the T.E. tower is missing a support at the elbow location on the west side of the pump room. Install structural support at this location.
<a href="#">2330.1.7</a>	Cooling tower deficiencies	Nehring Thomas	C-A-ESH	Electrical repairs	The electrical service supplying this tower requires multiple repairs. Evaluate the necessary repairs required for this tower and advise.
<a href="#">2330.1.8</a>	Tower pump room deficiencies	Nehring Thomas	C-A-ESH	Electrical safety	Along the east wall of the T.E. tower pump room, enclosure 1633 requires a warning label indicating exposed conductors within the enclosure.
<a href="#">2330.1.9</a>	Compliance deficiencies	Nehring Thomas	C-A-ESH	Compliance deficiencies	Along the east wall of the T.E. tower pump room, in the south-east corner, the circuit breaker panels are blocked off by the heat exchangers. Evaluate possible methods to mitigate this compliance deficiency and advise.
<a href="#">2330.1.10</a>	Building 952	De Boer John	C-A-ESH	General safety	Within this [storage] building, a clear path to enter and exit is not in place. Establish an egress path in this building.